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SOURCE Meditsinskiy Rabotnik, No 4, 1950.

"KRASNOGARDEYETS" MEDICAL-EQUIPMENT PLANT
USES ELECTRIC-SPARK PROCESSING METHODS

The "Krasnogvardeyets" Plant is today manufacturing medical equipment at 20 times the pre-revolutionary rate. Such a level of perfection has been attained that it is now serving as the foremost laboratory for all the Soviet medical instrument industry. The achievements of the factory were recognized in 1946, when in connection with festivities commemorating its 220th anniversary, it was awarded the prized Order of Lenin.

The past year marked a worker-productivity increase of 18.3 percent, and many individual records were set. All plant shops have been converted to a method of high-speed sharpening and milling. The workshop producing steel surgical forceps is stepping up production. In the galvanizing shop a new high-speed method developed by Pusakov, Al'berg, Cherepkov, and others is being used to nickel plate surgical instruments at a great reduction of time and expense.

Improved technological methods are responsible for the fact that the instrument shop is producing more than 200 different categories of items. Some of the most modern methods are being utilized to work metals, e.g., anode mechanical and high frequency. Electric-spark methods are used for processing metal parts which have complex profiles.

Many improvements have been made in plant equipment. Electric furnaces have been installed in the smelting shop and a new galvanizing shop has been built.

All improvements have been made in cooperation with various scientific institutions and with Leningrad scientific research institutes. Close liaison is maintained with scientists at the Military Medical Academy, the First Medical Institute, and various electrochemical institutes. It is common to see academicians and other associates of the Academy of Medical Sciences USSR in the various shops, for many of the improvements are made on the basis of actual medical needs of the Soviet people.

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The plant workers take pride in their achievements, and well they might in view of the fact that many new types of apparatus have been developed, such as the "Krasnogvardeyets" electric-spark equipment, equipment for plating the edge of cutting instruments with hard alloy, a special press with 19 dies, new oscillogonometers, etc.

The majority of the machine tool workers have 6-7 years of experience at the factory. Evening classes constantly have the full attendance of 100, and more than 450 apprentices are attending various indoctrination courses. Production schedules have been arranged so as to maintain the high level necessary for retaining the honor of the Order of Lenin. The 1949 schedule was double the 1948 schedule, and yet all production quotas were exceeded.

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